

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/033,925	PESOLA ET AL.	
	Examiner Tuan V. Thai	Art Unit 2186	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to 7/20/2005.
2.  The allowed claim(s) is/are 1, 3, 5-12, 14, 16-23, 25 and 27-33 renumbered as 1-27.
3.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All    b)  Some\*    c)  None    of the:
    1.  Certified copies of the priority documents have been received.
    2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

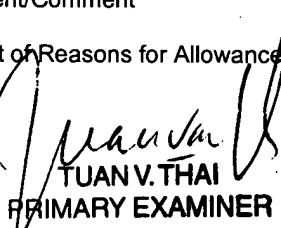
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

#### Attachment(s)

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftperson's Patent Drawing Review (PTO-948)
3.  Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5.  Notice of Informal Patent Application (PTO-152)
6.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other \_\_\_\_\_.



TUAN V. THAI  
PRIMARY EXAMINER

Application/Control Number: 10/033,925

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**Attorney's Docket No.: 2001-094-NSC**

**IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE**

**In re application of:** Pesola et al.      **Group:** 2186  
**Serial No.:** 10/033,925      **Examiner:** Tuan Thai  
**For:** **VOLUME TRANSLATION APPARATUS AND METHOD.**

1. This action is responsive to amendment filed July 20, 2005. Claims 1, 3, 5-12, 14, 16-23, 25, 27-33 are presented for examination. Claims 2, 4, 13, 15, 24 and 26 have been cancelled. Claims 1, 3, 5-12, 14, 16-23, 25 and 27-33 are now allowed.

**REASONS FOR ALLOWANCE**

2. The following is an Examiner's Statement of Reasons for Allowance:

The prior arts of record do not teach or suggest, alone or in combination, **all** the limitations of the amended independent claims of the current invention (claims 1, 12 and 23). The closest prior arts of LeCrone et al. ('046) and Schumacher ('765) do not disclose the claimed invention wherein LeCrone discloses a dynamic address switching system in a data processing system with redundant data storage facilities wherein the data storage

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facilities being implemented as local and remote system, each comprises a disk array storage device having only one type of storage media as opposing to the different types of storage media disclosed in the current invention; particularly, LeCrone teaches the data storage facilities can have many different forms; e.g. different internal structures of disk storage array, however LeCrone does not teach or make reference to using different storage media types, nor does Crone disclose storing the original physical volumes on a first storage media type and the physical volumes on a second storage media type. Schumacher ('765) further do not disclose formatting the access request from a first media type to a second media type as being claimed in the current invention. In light of the foregoing, claims 1, 12 and 23 of the present application are found to be patentable over the prior arts.

Claims 3, 5-11, 14, 16-22, 25 and 27-33 further limit the allowable independent claims 1, 12 and 23. These claims are therefore allowable for the same reason as set forth above.

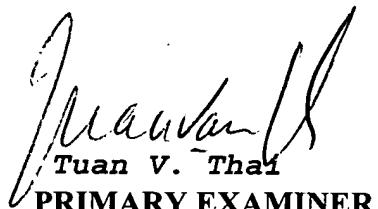
Any comments considered necessary by Applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan V. Thai whose telephone number is (571)-272-4187. The examiner can normally be reached on from 6:30 A.M. to 4:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mathew M. Kim can be reached on (571)-272-4182. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TVT/September 30, 2005



Tuan V. Thai  
**PRIMARY EXAMINER**  
Group 2100